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1 **WHAT IS CLAIMED IS:**

2 1.) (Original): A nozzle for delivering a measured quantity of viscous liquid comprising:

3  
4 a) an opening defined by a perimeter and a cylindrically-shaped barrel wall extending  
5 from said perimeter downward to a break point defined by a circle spaced-apart  
6 from said opening;

7  
8 b) means for connecting said barrel wall of said nozzle to a reservoir from which a  
9 viscous liquid is transferable to said nozzle;

10  
11 c) a cone-shaped wall extending downward from said circular break point and then  
12 inward there from to a circular exit opening; and,

13  
14 d) a straight, small-diameter exit tube, of uniform diameter, extending from said  
15 circular exit opening to a circular exit aperture for dispensing the liquid from said  
16 nozzle;

17  
18 e) wherein there is a controlled ratio of the internal diameter of said exit tube and the  
19 wall thickness of said exit tube.

20  
21 2.) (Canceled)

22  
23 3.) (Canceled)

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1 4.) (Currently amended): The nozzle for delivering a measured quantity of viscous liquid of  
2 Claim 1 wherein the ratio of the internal diameter of said exit tube to the wall thickness of  
3 said exit tube exceeds ~~[[7.5]]~~ .75.

5 5.) (Original): The nozzle for delivering a measured quantity of viscous liquid of Claim 1  
6 wherein said opening is circular and said horizontal perimeter is about 25 mm in diameter.

8 6.) (Canceled)

10 7.) (Currently amended): The nozzle for delivering a measured quantity of viscous liquid of  
11 ~~[[Claim 6]]~~ Claim 1 wherein said cone-shaped wall extending downward from said circular  
12 break point and then inward there from to a circular exit opening has a wall convergence  
13 between about 5° and about 20°.

15 8.) (Currently amended): The nozzle for delivering a measured quantity of viscous liquid of  
16 ~~[[Claim 6]]~~ Claim 1 wherein said cone-shaped wall extending downward from said circular  
17 break point and then inward there from to a circular exit opening has a wall convergence of  
18 about 10°.

20 9.) (Canceled)

22 10.) (Canceled)

24 11.) (Currently amended): The nozzle for delivering a measured quantity of viscous liquid of  
25 ~~[[Claim 6]]~~ Claim 1 wherein said flare wall extends inward from said perimeter about ~~[[5~~  
26 num.]] 5 mm.

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1 12.) (Canceled)

2  
3 13.) (Currently amended): The nozzle for delivering a measured quantity of viscous liquid of  
4 [[Claim 6]] Claim 1 wherein said cylindrically-shaped barrel wall extends downward from  
5 said flare wall at an angle of about 2° with the vertical.  
6

7 14.) (Canceled)

8  
9 15.) (Currently amended): The nozzle for delivering a measured quantity of viscous liquid of  
10 [[Claim 6]] Claim 1 wherein said cone-shaped wall extends downward from said circular  
11 break point at an angle of about 15° with the vertical.  
12

13 16.) (Canceled)

14  
15 17.) (Canceled)

16  
17 18.) (Canceled)

18  
19 19.) (Canceled)

20  
21 20.) (Canceled)